

R E M A R K S

By this Amendment claim 1 has been amended to more clearly define the inventive subject matter. Entry is requested.

In the outstanding Office Action the examiner has rejected claims 1-10 under 35 U.S.C. 103(a) as being unpatentable over Uchiyama in view of Umstetter et al.

The inventor continues to assert that this rejection is without merit.

The invention resides in the fact that the portable input/output units are alike and both may function as the transmitter part which translates the wired public telephone network signal to/from wireless format, and while performing this, the battery may recharge, such that the user may interchange the two units when the battery of the user-carried unit runs down during the day. In this way, the user will always have a functioning unit to carry, and need never wait for battery re-charge. Further, a base station as such is not required, only the wire connection to the public telephone network and a power supply is required for the units to function.

Neither of the prior art patents cited by the examiner discloses two alike portable units which both embody a base station functionality and a satellite functionality and which allow for interchangeability of the two units.

In order for this to work, both units need a wireless transceiver unit and a wired connection for receiving wired input and means for

transmitting wirelessly communication signals received on the wired connection. In the Uchiyama patent it is mentioned, as pointed out by the examiner, that the cordless telephone unit may have a data transfer function, so that the radio link is not used to transfer information to the cordless phone. However, nothing in Uchiyama teaches or suggests that any of such information be wirelessly transmitted from the cordless phone, or that the mentioned data transfer function is used as an audio transmission channel allowing audio signals from a public phone network to be transmitted wirelessly to a satellite station.

The examiner argues that Uchiyama does not teach direct communication between the two units, and that this is all which is needed to bring about the invention, given the disclosure of Uchiyama. The inventor does not agree. What Uchiyama needs to disclose in order to disclose the invention is two alike units, both being directly connectable with the wired telephone network, and both having wireless transmitter/receiver functionality, allowing the telephone line signal to be transmitted wirelessly from both units. The examiner further asserts that Umstetter discloses the functionality which is not found in Uchiyama in order to bring about the invention. This is not so. Umstetter does disclose two alike units, but they are both supposed to work as satellite units, whereby one unit may work as a relay station between the base station and the other unit. None of the two alike units are capable of wired coupling to the telephone network and they cannot transmit signals

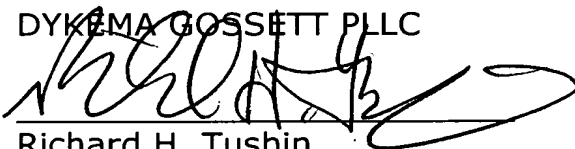
received directly from the wired network wirelessly to the other unit.  
Also, such functionality is not in any way hinted at in Umstetter. Thus,  
the combined teachings of the two documents would not suggest the  
present invention to a person of ordinary skill in this art.

Favorable reevaluation is requested.

Respectfully submitted,

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